# **Robot** Gaffer




IMFA RT-MC UISIF ReMo-Man

# Robot Gaffer

——The latest generation of professional lighting controller by Playeah

Robot Gaffer features a multi-core, multi-thread, high-frequency processor combined with 128GB of large-capacity storage, enabling the execution of more complex, diverse, and large-scale lighting programs.

With a self-developed core lighting control engine, it supports up to 8192 lighting control channels, making it suitable for large-scale lighting performance systems.




后板示意图
Rear Panel Diagram

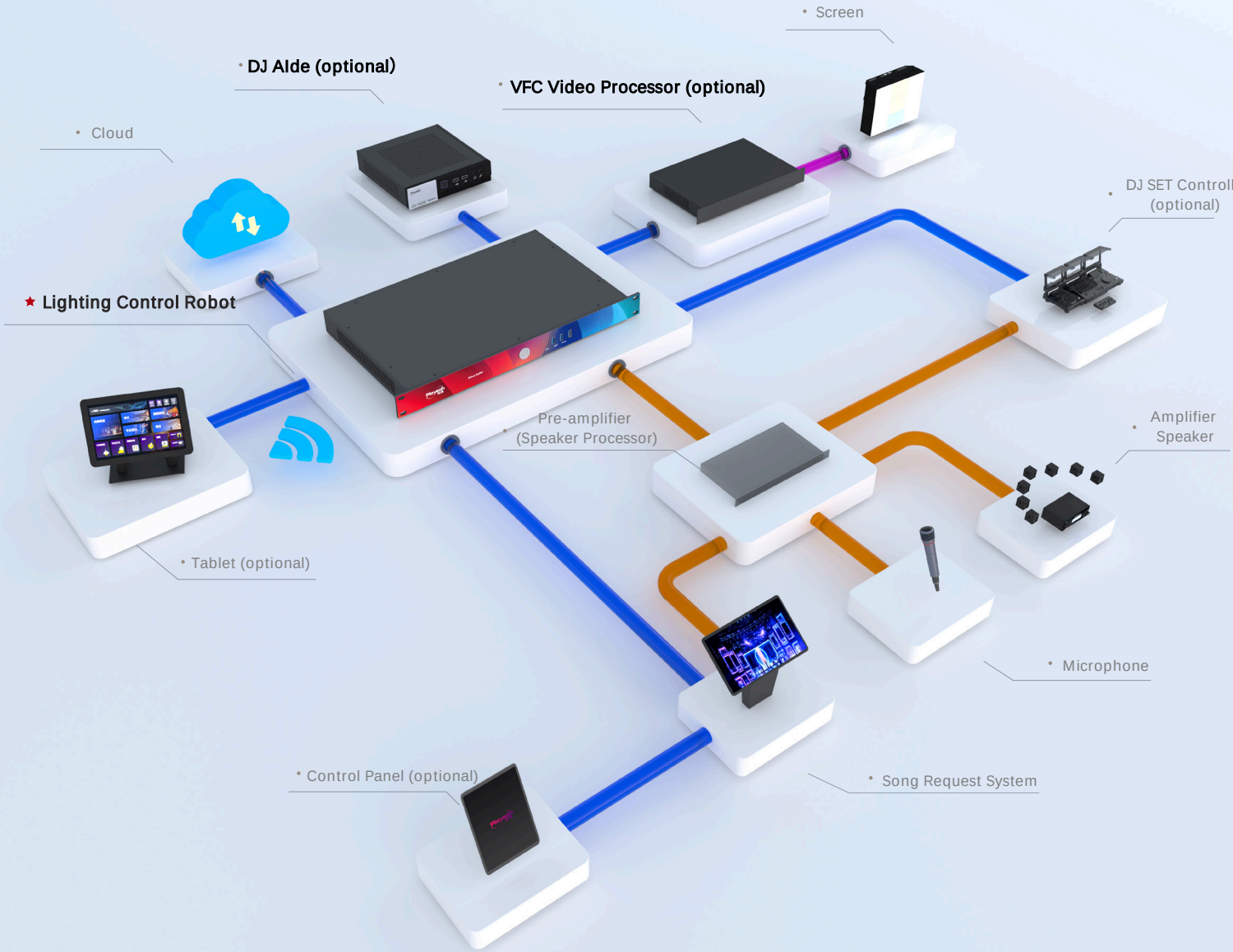
## FEATURES

- The device comes with 1024 built-in lighting control channels, and through extension interfaces, it can expand to support a maximum of 8192 channels, providing excellent system scalability.
- No lighting console is required; it can independently and automatically control the lighting for the entire venue, serving as a replacement for professional manual operation in various settings.
- The system is compatible with major international lighting control software for direct effect editing, supporting lighting programs and command sets.
- It supports professional stage equipment control protocols, including LTC timecode, PosiStageNet, ArtNet, and OSC, seamlessly integrating with various professional stage devices.
- With support for the IMFA music segment analysis algorithm, it can automatically invoke matching lighting programs with high adaptability, ensuring that lighting synchronizes seamlessly with music.
- Using a 100 Mbps network connection with 7 network outputs, it achieves high-speed data transmission, supporting high concurrency and low-latency control performance.
- DMX512 uses an RJ45 network port, compatible with mainstream lighting consoles
- The 1U rack-mount device with an external DC power supply ensures stable and reliable operation.
- Supports audio input, drum beat-triggered lighting effects, transmitted via RCA interface.
- Supports audio output via RCA interface, allowing for easier connection to external devices.

| Model: Robot Gaffer | | | |
|---|---|---|---|
| **Processor core:** | Intel 64bit 2core CPU | **Memory & storage：** | 8GB RAM，128GB SSD |
| **Control protocol:** | OSC，RS485，RS232，UDP，Artnet，DMX512 | **Number of control channels：** | 1xRS485，1xRS232 |
| **DMX512:** | 1024(2xRJ45) | **Artnet:** | 16xDMX512 |
| **Audio Input:** | 2xRCA | **Audio Output:** | 2xRCA |
| **Network interface：** | 1xWAN，7xLAN | **USB:** | 2xUSB2.0 |
| **Video interface：** | 1xHDMI | **Power supply:** | DC12V-3A |
| **Size:** | 482mmx258.5mmx44mm | **Weight:** | 3.3kg |

# Robot Gaffer

Lighting Control Robot




Application Connection Diagram

Wireless Signal | Audio Cable | HDMI | Network Cable